

TECHNICAL DATA SHEET

TA-20 FG 20% Active Silicone Defoamer

Description

This is a food grade silicone defoamer emulsion formulated to control foam in food systems and processes.

Key Features

- Highly active material based on silica-filled polydimethylsiloxane
- Excellent foam knockdown and persistence characteristics
- Effective in hot and cold systems
- Effective in low concentrations

Key Applications

- Vegetable washing
- Food processing
- Food starch and protein washes such as those found in egg and potato processing
- Pickle manufacturing (brine solutions)

Application

TA-20 FG is a water-dilutable, 20% active silicone defoamer, formulated to control foam in food systems and processes.

Packaging

Available in 40 lb pails, 460 lb drums and 2,200 lb totes.

Use and Cure Information

This product is compatible in most aqueous processing applications, however it is advisable to screen each application before use. Use product as is by adding directly into foaming system or dilute with process liquid prior to use. This product disperses in water systems with moderate amounts of mixing.

Health & Safety

This product is manufactured in compliance with the regulations of the U.S. Food and Drug Administration as cited in 21 CFR 173.340, defoaming agents used in processing foods. Permissible use levels for polydimethylsiloxane in food are defined by this FDA regulation. This product is approved for use in Canada under the following CFIA categories: Cleaners (Cleaners/Defoamers for washing fruits and vegetables, code C3) and Egg Treatment Compounds (Foam control compound, code LL3).

Limitations

This product is not intended for pharmaceutical use.

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Revision No 11
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Property

Product

Appearance
Color

Density

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Uncured Product

Viscosity

Addition Rates

Dosage - 1

Storage

Max Storage
Temperature

Min Storage Temperature

Packaging

Shelf Life

Test Method

BS ISO
2781

Brookfield

Value

White liquid
White

0.96-1.0 g/cm³

Simethicone

Non-ionic

Yes

24

No

2000 cP

**As defined by FDA
regulation 21 CFR
173.340, defoaming
agents used in
processing foods.**

38 °C / 100 °F

4 °C / 39 °F

**This product is
available for sale as
40 lb. pails and 441 lb.
drums. and 2205 lb.
totes**

12 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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